

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# **CHANGE OF CORRESPONDENCE ADDRESS Application**

Address to:  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Application Number	09/827,942
Filing Date	04/06/2001
First Named Inventor	Mentzer
Art Unit	2622
Examiner Name	Aggarwal, Yogesh K.
Attorney Docket Number	MICR-109US

Please change the Correspondence Address for the above-identified patent application to:

☒ The address associated with  
Customer Number

68735

OR

☐ Firm or  
Individual Name

Address

Address

City

State

ZIP

Country

Telephone

Fax

This form cannot be used to change the data associated with a Customer Number. To change the data associated with an existing Customer Number use "Request for Customer Number Data Change" (PTO/SB/124).

I am the :

☐ Applicant/Inventor.

☐ Assignee of record of the entire interest.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

☒ Attorney or Agent of record. Registration Number 31549

☐ Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number \_\_\_\_\_

Signature

Typed or  
Printed Name

KENNETH N. NIGON

Date

01/05/2009

Telephone

610-407-0700

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ \*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.33. This information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

## STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Ray Alan Mentzer

Application No./Patent No.: 09/827,942

Filed/Issue Date: April 6, 2001

Entitled: SYSTEM AND METHOD FOR CORRECTING ERRONEOUS IMAGE SIGNALS FROM DEFECTIVE PHOTSENSITIVE PIXELS DURING ANALOG-TO-DIGITAL CONVERSION

APTINA IMAGING CORPORATION, a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- ☒ the assignee of the entire right, title, and interest; OR
- ☐ an assignee of less than the entire right, title and interest. The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:


- From: Ray Alan Mentzer To: Agilent Technologies, Inc.  
The document was recorded in the United States Patent and Trademark Office at Reel 011908, Frame 0588, or for which a copy thereof is attached.
- From: Agilent Technologies, Inc. To: AVAGO Technologies General IP PTE, LTD.  
The document was recorded in the United States Patent and Trademark Office at Reel 017206, Frame 0666, or for which a copy thereof is attached.
- From: AVAGO Technologies General IP PTE, LTD. To: Citicorp North America, Inc.  
The document was recorded in the United States Patent and Trademark Office at Reel 017207, Frame 0882, or for which a copy thereof is attached.
- From: AVAGO Technologies General IP PTE LTD. To: AVAGO Technologies Sensor IP PTE LTD  
The document was recorded in the United States Patent and Trademark Office at Reel 018545, Frame 0426, or for which a copy thereof is attached.

☒ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 36 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

  
Signature

January 5, 2009  
Date

Kenneth N. Nigon  
Printed or Typed Name

610-407-0700  
Telephone Number

Authorized to Act on Behalf of Assignee  
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

ADDRESS: SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

CONTINUATION OF  
STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Ray Alan Mentzer

Application No./Patent No.: 09/827,942

Filed/Issue Date: April 6, 2001

Entitled: SYSTEM AND METHOD FOR CORRECTING ERRONEOUS IMAGE SIGNALS FROM DEFECTIVE  
PHOTOSENSITIVE PIXELS DURING ANALOG-TO-DIGITAL CONVERSION

5. From: AVAGO Technologies General IP PTE. LTD To: AVAGO Technologies Imaging Holding Corp.  
The document was recorded in the United States Patent and Trademark Office at Reel 021603, Frame 0690, or for which a copy thereof is attached.
6. From: Citicorp North America, Inc. C/O CT Corporation. To: AVAGO Technologies General IP PTE. LTD.  
The document was recorded in the United States Patent and Trademark Office at Reel 021590, Frame 0866, or for which a copy thereof is attached.
7. From: AVAGO Technologies Imaging Holding Corp. To: Micron Technology, Inc.  
The document was recorded in the United States Patent and Trademark Office at Reel 018757, Frame 0159, or for which a copy thereof is attached.
9. From: AVAGO Technologies Imaging Holding Corp. To: Micron Technology, Inc.  
The document was recorded in the United States Patent and Trademark Office at Reel 019407, Frame 0441, or for which a copy thereof is attached.
10. From: Micron Technology, Inc. To: Aptina Imaging Corporation  
The document was recorded in the United States Patent and Trademark Office at Reel     , Frame     , or for which a copy thereof is attached.

09/827,942

**SYSTEM AND METHOD FOR CORRECTING ERRONEOUS IMAGE  
SIGNALS FROM DEFECTIVE PHOTOSENSITIVE PIXELS DURING  
ANALOG-TO-DIGITAL CONVERSION**

12-26-  
2008::15:24:51

**Patent Assignment Abstract of Title**

**Total Assignments: 8**

Application #: 09827942

Filing Dt: 04/06/2001

Patent #: NONE

Issue Dt:

PCT #: NONE

Publication #: US20020145672

Pub Dt: 10/10/2002

Inventor: Ray Alan Mentzer

**Title: SYSTEM AND METHOD FOR CORRECTING ERRONEOUS IMAGE SIGNALS FROM DEFECTIVE PHOTOSENSITIVE PIXELS DURING ANALOG-TO-DIGITAL CONVERSION**

**Assignment: 1**

Reel/Frame: 011908 / 0586

Received: 08/29/2001

Recorded: 08/29/2001

Mailed: 08/29/2001

Pages: 2

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignor: MENTZER, RAY ALLEN

Exec Dt: 04/04/2001

Assignee: AGILENT TECHNOLOGIES, INC.  
LEGAL DEPARTMENT, DL429  
P.O. BOX 7599  
LOVELAND, COLORADO 80537

Correspondent: AGILENT TECHNOLOGIES, INC.

PAMELA LAU KEE  
LEGAL DEPT., MS DL-429  
815 SW 14TH STREET  
LOVELAND, CO 80537

**Assignment: 2**

Reel/Frame: 017206 / 0666

Received: 02/22/2006

Recorded: 02/22/2006

Mailed: 02/23/2006

Pages: 205

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignor: AGILENT TECHNOLOGIES, INC.

Exec Dt: 12/01/2005

Assignee: AVAGO TECHNOLOGIES GENERAL IP PTE. LTD.  
8 CROSS STREET, #11-00 PWC BUILDING  
SINGAPORE, SINGAPORE 048424

Correspondent: AVAGO TECHNOLOGIES, LTD.

P.O. BOX 1920  
DENVER, CO 80201-1920

**Assignment: 3**

Reel/Frame: 017207 / 0882

Received: 02/24/2006

Recorded: 02/24/2006

Mailed: 02/24/2006

Pages: 20

Conveyance: SECURITY AGREEMENT

Assignor: AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.

Exec Dt: 12/01/2005

Assignee: CITICORP NORTH AMERICA, INC.  
C/O CT CORPORATION  
1209 ORANGE STREET  
WILMINGTON, DELAWARE 19801

Correspondent: KIRSTIE HOWARD, ESQ.

SIMPSON THACHER & BARTLETT LLP  
425 LEXINGTON AVENUE  
NEW YORK, NY 10017

**Assignment: 4**

Reel/Frame: 018545 / 0426

Received: 11/22/2006

Recorded: 11/22/2006

Mailed: 11/22/2006

Pages: 28

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignor: AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD.

Exec Dt: 10/24/2006

Assignee: AVAGO TECHNOLOGIES SENSOR IP PTE. LTD.  
NO. 1 YISHUN AVENUE 7  
SINGAPORE, SINGAPORE 768923

Correspondent: AVAGO TECHNOLOGIES, LTD.

P.O. BOX 1920  
DENVER, CO 80201

**Assignment: 5**

Reel/Frame: 021603 / 0690

Received: 10/01/2008

Recorded: 10/01/2008

Mailed: 10/01/2008

Pages: 69

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignor: AVAGO TECHNOLOGIES SENSOR IP PTE. LTD.

Exec Dt: 11/22/2006

Assignee: AVAGO TECHNOLOGIES IMAGING HOLDING CORPORATION  
UNIT LEVEL 13 (E) MAIN OFFICER TOWER  
FINANCIAL PARK LABUAN JALAN, MERDEKA  
LABUAN, MALAYSIA 87000

Correspondent: KENNETH N. NIGON

1237 WESTLAKES DRIVE, SUITE 301  
 RATNER PRESTIA  
 BERWYN, PA 19312

**Assignment: 6**

<b>Reel/Frame:</b> 021590 / 0866	<b>Received:</b> 09/29/2008	<b>Recorded:</b> 09/29/2008	<b>Mailed:</b> 09/29/2008	<b>Pages:</b> 8
<b>Conveyance:</b> RELEASE BY SECURED PARTY (SEE DOCUMENT FOR DETAILS).				
<b>Assignor:</b> CITICORP NORTH AMERICA, INC. C/O CT CORPORATION				<b>Exec Dt:</b> 12/01/2006
<b>Assignee:</b> AVAGO TECHNOLOGIES GENERAL IP (SINGAPORE) PTE. LTD. 8 CROSS STREET #11-00 PWC BUILDING SINGAPORE, SINGAPORE 048424				
<b>Correspondent:</b> KENNETH N. NIGON 1237 WESTLAKES DRIVE, SUITE 301 RATNER PRESTIA BERWYN, PA 19312				

**Assignment: 7**

<b>Reel/Frame:</b> 018757 / 0159	<b>Received:</b> 01/09/2007	<b>Recorded:</b> 01/03/2007	<b>Mailed:</b> 01/16/2007	<b>Pages:</b> 37
<b>Conveyance:</b> ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).				
<b>Assignor:</b> AVAGO TECHNOLOGIES IMAGING HOLDING CORPORATION				<b>Exec Dt:</b> 12/06/2006
<b>Assignee:</b> MICRON TECHNOLOGY, INC. 800 S. FEDERAL WAY BOISE, IDAHO 83707-0006				
<b>Correspondent:</b> THOMAS J. D'AMICO DICKSTEIN SHAPIRO LLP 1825 EYE STREET, NW WASHINGTON, DC 20006-5403				

**Assignment: 8**

<b>Reel/Frame:</b> 019407 / 0441	<b>Received:</b> 06/07/2007	<b>Recorded:</b> 03/07/2007	<b>Mailed:</b> 06/12/2007	<b>Pages:</b> 37
<b>Conveyance:</b> ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).				
<b>Assignor:</b> AVAGO TECHNOLOGIES IMAGING HOLDING CORPORATION				<b>Exec Dt:</b> 12/06/2006
<b>Assignee:</b> MICRON TECHNOLOGY, INC. 800 S. FEDERAL WAY BOISE, IDAHO 83707-0006				
<b>Correspondent:</b> THOMAS J. D'AMICO DICKSTEIN SHAPIRO LLP 1825 EYE STREET, NW WASHINGTON, DC 20006-5403				

Search Results as of: 12/26/2008 15:24:43 PM

**Disclaimer:**

**Assignment information on the assignment database reflects assignment documents that have been actually recorded.  
 If the assignment for a patent was not recorded, the name of the assignee on the patent application publication or patent may be different.  
 If you have any comments or questions concerning the data displayed, contact OPR / Assignments at 571-272-3350**

---

**Close Window**

## PATENT ASSIGNMENT AGREEMENT

### 1. Definitions

- (a) "Agreement" shall mean this Patent Assignment Agreement.
- (b) "Assignee" shall mean **Aptina Imaging Corporation**, a Cayman Islands corporation with offices at c/o Citco Trustees (Cayman) Limited, Regatta Office Park, West Bay Road, Grand Cayman, Y1-1205, Cayman Islands.
- (c) "Assignor" shall mean **Micron Technology, Inc.**, a Delaware corporation with offices at 8000 South Federal Way, Boise, ID 83707.

- (d) "Effective Date" shall mean October 3, 2008.

(e)



(f)



(g) "Imaging Patents" shall mean those patents identified in ATTACHMENT "A" hereto, including, without limitation, all divisions, continuations, continuations-in-part, reissues, reexaminations, and all foreign counterparts thereof, and which may issue thereon or in connection therewith after the Effective Date of this Agreement.

(h) "Imaging Patent Applications" shall mean those filed patent applications identified in ATTACHMENT "B" hereto, including, without limitation, all patents, divisions, continuations, continuations-in-part, reissues, reexaminations, and all foreign counterparts which may issue thereon or in connection therewith after the Effective Date of this Agreement.

(i) "Semiconductor Patents" shall mean those patents identified in ATTACHMENT "D" hereto, including, without limitation, all divisions, continuations, continuations-in-part, reissues, reexaminations, and all foreign counterparts thereof, and which may issue thereon or in connection therewith after the Effective Date of this Agreement.

(j) "Semiconductor Patent Applications" shall mean those filed patent applications identified in ATTACHMENT "E" hereto, including, without limitation, all patents, divisions, continuations, continuations-in-part, reissues, reexaminations, and all foreign counterparts which may issue thereon or in connection therewith after the Effective Date of this Agreement.

(k) [REDACTED]

2. [REDACTED]

(a) Subject to the terms and conditions of this Agreement, and subject to the rights of others existing as of the Effective Date of this Agreement if any, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, hereby sells, assigns, and transfers to Assignee its entire right, title and interest in and to the Imaging Patents, including all rights to causes of action and remedies related thereto (including the right to sue for past, present or future infringement of rights related to the foregoing and the right to collect damages therefor). Assignor hereby authorizes and requests the Commissioner of Patents of the United States, and any other official of the United States and any country foreign to the United States whose duty it is to issue or record patents, to issue the Imaging Patents to Assignee and to record assignment of the Imaging Patents to Assignee.

(b) Subject to the terms and conditions of this Agreement, and subject to the rights of others existing as of the Effective Date of this Agreement if any, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, hereby sells, assigns, and transfers to Assignee its entire right, title and interest in and to the Intellectual Property rights in the Imaging Patent Applications. Assignor hereby authorizes and requests the Commissioner of Patents of the United States, and any other official of the United States and any country foreign to the United States whose duty it is to issue or record patents, to record assignment of the Imaging Patent Applications to Assignee.

(c) [REDACTED]

(d) Subject to the terms and conditions of this Agreement, and subject to the rights of others existing as of the Effective Date of this Agreement if any, and subject further to the restrictions on the Semiconductor Patents set out below, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, hereby sells, assigns, and transfers to Assignee its entire right, title and interest in and to the Semiconductor Patents, including all rights to causes of action and remedies related thereto (including the right to sue for past, present or future infringement of rights related to the foregoing and the right to collect damages therefor). Assignor hereby authorizes and requests the Commissioner of Patents of the United States, and any other official of the United States and any country foreign to the United States whose duty it is to issue or record patents, to issue the Semiconductor Patents to Assignee and to record assignment of the Semiconductor Patents to Assignee.

(e) Subject to the terms and conditions of this Agreement, and subject to the rights of others existing as of the Effective Date of this Agreement if any, [REDACTED], Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, hereby sells, assigns, and transfers to Assignee its entire right, title and interest in and to the Intellectual Property rights in the Semiconductor Patent Applications. Assignor hereby authorizes and requests the Commissioner of Patents of the United States, and any other official of the United States and any country foreign to the United States whose duty it is to issue or record patents, to record assignment of the Semiconductor Patent Applications to Assignee.

(1)

[REDACTED]

[REDACTED]

3 [REDACTED]

[REDACTED]

4. [REDACTED]

[REDACTED]

5. [REDACTED]

[REDACTED]



[REDACTED]

6. [REDACTED]

[REDACTED]

7. General

This Agreement shall be effective as of the Effective Date hereof and shall be binding on the respective heirs, assigns, representatives, and successors of Assignor and of Assignee.

[the rest of this page intentionally left blank]

Agreed to by:

Micron Technology, Inc.

Signed: [Signature]

Date: 9/26/08, 2008

Notarization

State of Idaho

County of Ada

On 9/26/08, before me, Paula R. Spang, personally appeared the above-named Stan R. Appleton  
(date) (notary name)  
who executed this Assignment in my presence and acknowledged to me that he did so of his own free will and in his  
authorized capacity for the purposes set forth herein.

Signed: [Signature]

My commission expires: 8/12/11

REVIEWED  
MTI LEGAL

C.S.



Agreed to by:

Aptina Imaging Corporation

Signed: Thomas L. Lewis, Jr.

Date: 9/26/08, 2008

Notarization

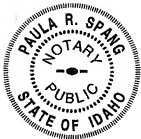
State of Idaho

County of Ada

On 9/26/08, before me, Paula R. Spang, personally appeared the above-named Thomas L. Lewis, Jr.  
(date) (notary name)  
who executed this Assignment in my presence and acknowledged to me that he did so of his own free will and in his  
authorized capacity for the purposes set forth herein.

Signed: [Signature]

My commission expires: 8/12/11



[Signature page to the Patent Assignment Agreement]

ATTACHMENT "A"



ATTACHMENT "B"



# Aptina Applications

FILE NUMBER	TITLE	STATUS	COUNTRY NAME	APPLICATION NUMBER	DATE FILED
	PROVIDING AN IMAGER WITH A SHARED POWER SUPPLY AND READOUT LINE FOR PIXELS				
2008-0365.00US	METHOD AND APPARATUS FOR CALIBRATING AND CORRECTING NON-UNIFORMITY OF NON-PLANAR SURFACES	Pending	United States of America	12183594	Jun 26, 2008
2008-0079.00US	MICROELECTRONIC IMAGER PACKAGES WITH COVERS HAVING NON-PLANAR SURFACE FEATURES	Pending	United States of America	12173658	Jul 15, 2008
2008-0362.00US	METHOD AND APPARATUS FOR MOTION COMPENSATED RESAMPLING	Pending	United States of America	12182761	Jun 26, 2008
2008-0124.00US	METHOD AND APPARATUS FOR EXTENDED DEPTH OF FIELD IMAGE RESTORATION	Pending	United States of America	12128234	May 28, 2008
2008-0187.00US	EXTENDED DEPTH OF FIELDS FOR AN IMAGING DEVICE AND MANUFACTURING THEREOF	Pending	United States of America	12167744	July 3, 2008
AVGO-0001.00EP	System and Method for Correcting Image Signals From Defective Photosensitive Pixels During Analog-to-Digital Conversion	Pending	European Patent Office	020030516	Feb 12, 2002
AVGO-0001.00JP	System and Method for Correcting Image Signals From Defective Photosensitive Pixels During Analog-to-Digital Conversion	Pending	Japan	2000-38518	Apr 5, 2002
AVGO-0001.00US	System and Method for Correcting Image Signals From Defective Photosensitive Pixels During Analog-to-Digital Conversion	Pending	United States of America	09827942	Apr 6, 2001
AVGO-0001.00US	System and Method for Correcting Image Signals From Defective Photosensitive Pixels During Analog-to-Digital Conversion	Pending	United States of America	09827942	Apr 6, 2001
AVGO-0001.00US	System and Method for Correcting Image Signals From Defective Photosensitive Pixels During Analog-to-Digital Conversion	Pending	United States of America	09827942	Apr 6, 2001

ATTACHMENT "C"



ATTACHMENT "D"



ATTACHMENT "E"

[REDACTED]